2005 Conservation Security Program
Platte Watershed
Practices and Activities Eligible for an Enhancement Payment

Practice Code	Practice Name	Component	Unit Type	Unit Cost	Cost Share Rate
EEM	Enhancement - Energy Management	Energy Audit	Each	$500.00	100%
EEM	Enhancement - Energy Management	Recycling of all used motor oil for tractors and lubricating oil for other farm equipment such as irrigation pumps or grain drying motors	Year	$200.00	100%
EEM	Enhancement - Energy Management	Use of perennial legumes in the crop rotation to reduce enrgy need for production of nitrogen	Acre	$0.70	100%
EEM	Enhancement - Energy Management	Use of annual legumes in the crop rotation to reduce enrgy need for production of nitrogen	Acre	$0.10	100%
EEM	Enhancement - Energy Management	Use of manure to supply at least 90% of nutrient needs of plants.	Acre	$1.10	100%
EEM	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 60	Acre	$0.50	100%
EEM	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 30	Acre	$0.70	100%
EEM	Enhancement - Energy Management	Soil Tillage Intensity Rating (STIR) is less than 15	Acre	$0.90	100%
EEM	Enhancement - Energy Management	Use of renewable energy fuel (Biodiesel or Ethanol). Payments are made in $25 increments for each 100 gallons actual biofuel used per year.	100 gal	$25.00	100%
EEM	Enhancement - Energy Management	Renewable energy generation (solar, wind, water, geothermal, methane).	100 KWh	$2.50	100%
EEM	Enhancement - Energy Management	5% energy reduction	BTU's	$100.00	100%
EEM	Enhancement - Energy Management	10% energy reduction	BTU's	$200.00	100%
EEM	Enhancement - Energy Management	20% energy reduction	BTU's	$500.00	100%

EGM	Enhancement - Grazing Management	Maintain grazing records, utilize monitoring tools, rotate feeding, loafing, and sacrifice areas to improve grassland condition and health and plant diversity	Acre	$7.50	100%
EGM	Enhancement - Grazing Management	Patch burn grazing will be used to create a mosaic of heavily grazed and lightly grazed areas to provide a diverse vegetative structure and increase plant diversity in the same grazing unit. Patch burn grazing is typically done on a three year cycle. One third of the field is burned each year. A minimum of 30 contiguous acres is preferred to provide ample nesting cover for grassland birds.	Acre	$5.00	100%
EGM	Enhancement - Grazing Management	Inter-seed native legumes and/or forbs and utilize use exclusion or deferred grazing to improve grassland condition and health and plant diversity	Acre	$15.00	100%
EGM	Enhancement - Grazing Management	On pasture land, utilize legumes in >=50% of the system, with at least 30% legumes in those portions (payment is in acres with legumes) to improve forage quality	Acre	$5.00	100%
EGM	Enhancement - Grazing Management	Diversify forage species, without using tillage to improve pasture	Acre	$7.50	100%
EHM	Enhancement - Habitat Management	Leave cropland unharvested on at least 1/4 acre (but no more than 4 acres) per 40 acres and maintain undisturbed residues over winter on remaining acres to improve wildlife cover and food. Enhancement payment is based on the acre(s) left unharvested.	Acre	$10.00	100%
EHM	Enhancement - Habitat Management	Maintain 3 Downed tree structures per 40 acres in field borders and/or buffers	Acre	$0.10	100%

EHM	Enhancement - Habitat Management	Time haying and livestock grazing to avoid nesting and fawning periods and allow for the establishment, development, and management of upland vegetation and protect water quality	Acre	$10.00	100%
EHM	Enhancement - Habitat Management	Manage pasture to maintain native legumes and/or forbs and/or native grass species to provide food and cover for wildlife.	Acre	$15.00	100%
EHM	Enhancement - Habitat Management	Utilize annual seasonal flooding of grain fields to create food and loafing areas	Acre	$10.00	100%
EHM	Enhancement - Habitat Management	Create and maintain vernal pools and adjacent buffer areas on 1/10 acre per 40 acres for improved amphibian and reptile habitat	Acre	$15.00	100%
EHM	Enhancement - Habitat Management	Integrate moist-soil units into farming operation on rotation (50% of acres every other year) for migrant water birds to increase food sources and improve habitat	Acre	$5.00	100%
EHM	Enhancement - Habitat Management	Implement Quail Habitat improvement bundle to significantly improve survival of targeted Quail species on cropland - consisting of all the following: 1. 30 ft. field borders of native grass/forb mix with adjacent covey headquarters or edgefeathering, 2. Complete eradication of fescue and/or brome AND 3. Prescribed burning or light disking of field borders once every 5 years.	Acre	$10.00	100%

EHM	Enhancement - Habitat Management	Implement Quail Habitat improvement bundle to significantly improve survival of targeted Quail species on grazing land - consisting of all the following: 1. Livestock exclusion, 2. Create 30 ft. field borders of native grass/forb mix with adjacent covey headquarters or edgefeathering by excluding livestock, 3. Complete eradication of fescue and/or brome AND 4. Prescribed burning or light disking of field borders once every 5 years.	Acre	$10.00	100%
EHM	Enhancement - Habitat Management	Improve wildlife habitat to achieve a Wildlife Enhancement Index Level of 0.6 or greater. $5 per tenth increase	Acre	$5.00	100%
ENM	Enhancement - Nutrient Management	Reapportion nitrogen inputs by using split applications (including sidedress applications of nitrogen) to more effectively match crop needs to nitrogen availability.	Acre	$10.00	100%
ENM	Enhancement - Nutrient Management	Use controlled-release nitrogen products (e.g. polymer coating) to more effectively match crop needs to nitrogen availability.	Acre	$7.50	100%
ENM	Enhancement - Nutrient Management	Use a nitrification inhibitor to reduce loss of anhydrous ammonia nitrogen	Acre	$8.00	100%
ENM	Enhancement - Nutrient Management	Significantly reduce nitrogen losses by applying a urease inhibitor	Acre	$7.50	100%
ENM	Enhancement - Nutrient Management	Decrease nutrient loss potential by incorporating manure products into soil	Acre	$7.50	100%
ENM	Enhancement - Nutrient Management	Optimize nutrient use based on crop needs through manure testing, and bi-annual soil testing and/or plant tissue testing	Acre	$20.00	100%
ENM	Enhancement - Nutrient Management	Direct manure management application to soils with low P indexes to reduce environmental risks from excessive P build-up in the soil	Acre	$2.00	100%

ENM	Enhancement - Nutrient Management	Use grid soil sampling, yield maps for P and K, and precision application equipment to increase fertilzer efficiency and utilization	Acre	$7.50	100%
ENM	Enhancement - Nutrient Management	Utilize legumes in resource conserving crop rotation to improve soil fertility, soil quality, forage quality, air quality, and provide wildlife benefits	Acre	$7.50	100%
ENM	Enhancement - Nutrient Management	Utilize fertilizer application methods that will place nutrients as close as possible to the root zone of the plant, such as banding, side-dressing, or injection to reduce environmental risk	Acre	$4.00	100%
ENM	Enhancement - Nutrient Management	Minimize ammonia loss to the environment by eliminating fall application of Anhydrous Ammonia	Acre	$7.00	100%
EPM	Enhancement - Pest Management	Utilize pesticides which have a WINPST Soil/Pesticide Interaction Loss Potential and Hazard Rating of “Low” or “Very Low” to reduce environmental risks.	Acre	$5.00	100%
EPM	Enhancement - Pest Management	Use set-backs or filter strips and/or riparian buffers to improve water quality benefits	Acre	$9.00	100%
EPM	Enhancement - Pest Management	Maintain hedgerows/field borders to increase the habitat for beneficial insects	Acre	$10.00	100%
EPM	Enhancement - Pest Management	Utilize GPS technology for banding or spot treatment of pesticides to reduce environmental risk and pesticide use.	Acre	$10.00	100%
EPM	Enhancement - Pest Management	Improve pesticide utilization by using third party field scouting for the prevention, avoidance, monitoring, and suppression of pests. Maintain pest populations below economically damaging thresholds, minimize pest resistance, and minimize harmful effects of pest control on human health and environmental resources.	Acre	$7.00	100%

ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.1.	Acre	$1.16	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.2.	Acre	$2.32	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.3.	Acre	$3.48	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.4.	Acre	$4.64	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.5.	Acre	$5.80	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.6.	Acre	$6.96	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.7.	Acre	$8.12	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.8.	Acre	$9.28	100%

ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 0.9.	Acre	$10.44	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.0.	Acre	$11.60	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.1.	Acre	$12.76	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.2.	Acre	$13.92	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.3.	Acre	$15.08	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.4.	Acre	$16.24	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.5.	Acre	$17.40	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.6.	Acre	$18.56	100%

ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.7.	Acre	$19.72	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.8.	Acre	$20.88	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 1.9.	Acre	$22.04	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.0.	Acre	$23.20	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.1.	Acre	$24.36	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.2.	Acre	$25.52	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.3.	Acre	$26.68	100%
ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.4.	Acre	$27.84	100%

ESM	Enhancement - Soil Management	Improve soil conditioning and quality by implementing conservation measures that result in a Soil Conditioning Index (SCI) score of at least 2.5 or greater.	Acre	$29.00	100%
ESM	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	$0.50	100%
ESM	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	$1.00	100%
ESM	Enhancement - Soil Management	Reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	$2.00	100%
ESM	Enhancement - Soil Management	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 31 and 60	Acre	$1.00	100%
ESM	Enhancement - Soil Management	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) between 16 and 30	Acre	$2.00	100%
ESM	Enhancement - Soil Management	Using GPS or other similar guided measure technology, reduce soil compaction by controlling areas of traffic that result in a Soil Tillage Intensity Rating (STIR) of 15 or less	Acre	$4.00	100%
EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 1 - 60 - 64%.	Acre	$2.00	100%
EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 2 - 65 - 69%.	Acre	$4.00	100%
EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 3 - 70 - 74%.	Acre	$6.00	100%

EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 4 - 75 - 79%.	Acre	$8.00	100%
EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 5 - 80 - 84%.	Acre	$10.00	100%
EWM	Enhancement - Water Management	Irrigation Enhancement Index Level 6 - 85% or greater.	Acre	$12.00	100%